

DART

DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED <i>[initials]</i>	APPROVED <i>[initials]</i>	DRAWING NO. DSI 9311
DATE 05.09.22		TITLE INSTALLATION CHANGE
A	05.09.22	SCALE NTS NEW ISSUE

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-689 REV. A

REF. CANADIAN STC: SH02-33

REF. FAA STC: SR01620NY

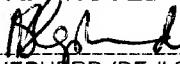
PURPOSE:

On some aircraft, the holes in the D3026-1 Channel conflicted with existing holes in the floor when there is an existing stringer at LBL 27.33. To prevent this from happening, the holes have been removed from the D3026-1 Channel and it will be required that the customer locate the rivets holes depending on whether this stringer exists or not. Also, the D3027-1 Clips will be provided without holes and the D3033-3 Seat Track will be replaced with an undrilled D3033-1 Seat Track. The D350-689-013 Floor Provision Kit should be installed per IIN-D350-689 Rev.A with the changes noted below.

INSTALLATION

Section 3.2 of Installation Instructions IIN-D350-689 Rev.A, "Installation of the D350-689-013 Floor Provision Kit", is revised as followed:

- 14) From middle of existing copilot seat inboard rubbing strip, measure 18.35" as shown in Figure 1 of this service instruction and mark for installation of left side D3026-1 Channel.
- 15) If there is an existing stringer at LBL 27.33, it will need to be removed from that location. Locate D3026-1 Spacer as shown in Figure 1 of this service instruction and transfer existing holes from the aircraft floor to the D3026-1 Channel & D3032-1 Spacer. Ensure 1.0" to 1.5" rivet pitch and add additional holes if required. If there is no existing stringer, locate D3026-1 Channel & D3032-1 Spacer as shown in Figure 1 of this service instruction and drill Ø0.128" holes on a 1.0" to 1.5" pitch.
- 16) Remove existing rivets at STA 50.94 (1294mm) and 70.47 (1790mm) that interfere with installation of seat tracks (refer to Figure 1 of this service instruction).
- 17) Countersink holes in the D3032-1 Spacer for MS20426AD4-6 rivets. Install D3026-1 Channel and the D3032-1 Spacer using MS20426AD4-6 rivets.
- 18) Locate D3027-7 Clips as shown in Figure 5 of IIN-D350-689 Rev.A. Locate rivets holes to either pick up on or avoid existing rivet holes and transfer drill Ø0.156 to the aircraft at STA 50.94 (1294mm) and STA 70.47 (1790mm) and to the D3026-1 Channel. Install D3027-7 Clips using MS20470AD5-6 rivets.
- 19) Locate the aft ends of D3033-1 Seat Tracks at STA 70.47 (1790mm) as shown in Figure 1 of this service instruction. One D3033-1 should be centered on the existing inboard rubbing strip, while the other should be 18.53" (470.7mm) to the left.
- 20) Transfer drill Ø0.128 to D3033-1 Seat Tracks (8 places) as shown in Figure 1 of this service instruction. Open seat track and aircraft floor holes to Ø0.191 and countersink hole for MS24693-S273 screw in seat track. Drill Ø0.191 through the aircraft floor. Install MS21059L3 nutplates (8 locations) using MS20426AD3-6 rivets. Install the qty(2) D3033-1 Seat Tracks using the hardware shown in Figure 1 of this service instruction.

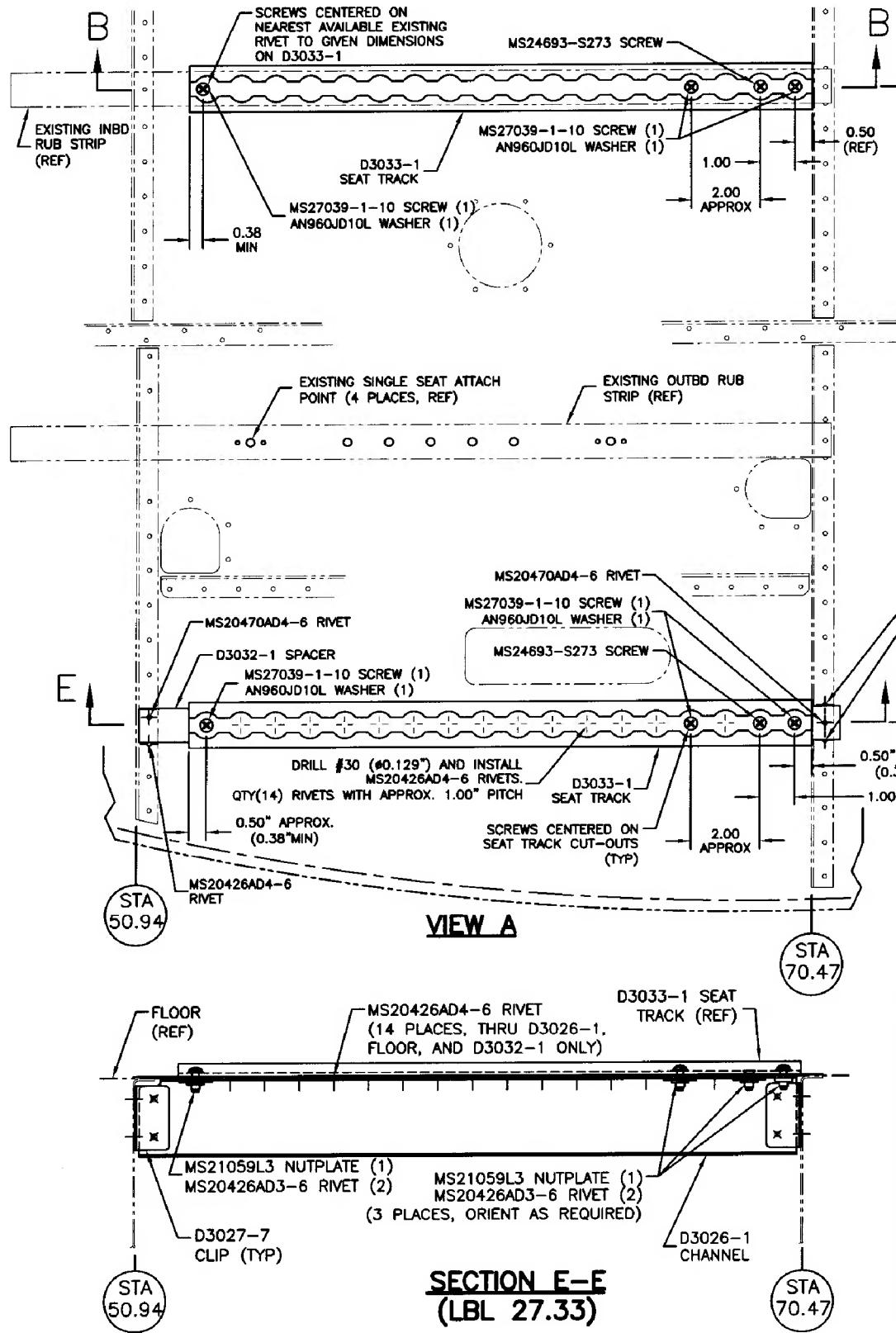
CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY: 	
D. SHEPHERD (DE # 02)	
DATE: 05.09.22	
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